

## **MODULE II - GENERAL FACILITY STANDARDS**

### **II.A. POST-CLOSURE MAINTENANCE AND MONITORING**

- II.A.1. The Permittee shall inspect and monitor the RWMA, throughout the post-closure care period, which commences on the effective date of this permit, in a manner that will ensure detection of a release of either of the following: hazardous waste, hazardous waste constituents, leachate, contaminated runoff or hazardous waste decomposition products to the soil, groundwater, or surface water from the closed facility. The Permittee shall maintain all treatment, containment and monitoring equipment throughout the post-closure care period in a manner that will ensure detection of a release from the closed facility and minimize the possibility of a fire, explosion, or any sudden or non-sudden release of hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.

### **II.B. SECURITY**

- II.B.1. The Permittee shall comply with the following security conditions:
- II.B.1.a. At a minimum, one ¼-inch galvanized steel cable with a polyethylene sheath or chain extended between treated wood posts (at twelve (12) foot centers) shall be erected around and enclose the entire RWMA. This must serve as a deterrent to unauthorized entry and be maintained throughout the post-closure period.
- II.B.1.b. Signs which read: WARNING RCRA CLOSURE CELL NO UNAUTHORIZED PERSONS ALLOWED shall be positioned every one hundred (100) feet on the steel cable, supported by posts, surrounding the RWMA boundary and shall be maintained throughout the post-closure care period. The signs shall be legible from a distance of at least twenty five (25) feet in compliance with R315-8-2.5(c). The signs shall be inspected throughout the post-closure care period as part of the annual RWMA inspection program. The Permittee shall utilize the annual inspection checklist for items (i.e. cable/chain postings, signs of vandalism, etc.) to be inspected as required and specified by Condition II.D.1. The RWMA annual checklist is provided in Attachment 2.

- II.B.2. The Permittee shall comply with all other security procedures as specified in the appropriate annex of the Chevron Products Company, Salt Lake Refinery, Integrated Contingency Plan (See II.C below).

**II.C. PERSONNEL TRAINING**

- II.C.1. The Permittee maintains a detailed Emergency Action Plans and Procedures Manual as part of the Integrated Contingency Plan (ICP). The ICP is a comprehensive emergency procedure document that covers responses to any emergency that may occur at the Facility. The training, for both current and new employees relating to the RWMA and the training records portion provided as Annex 5 of the ICP shall be acceptable in fulfilling the training requirements of this section. The training and training recording procedures in the ICP exceed the conditions required in R315-8-2.7. Reference is made here to the ICP as it is a large multi-volume document and is therefore, not provided as an appendix to this Permit.

**II.D. GENERAL INSPECTION REQUIREMENTS**

- II.D.1. The Permittee shall perform an annual inspection of the RWMA. The annual inspection will be performed in October or November of each year. Reports shall be submitted using the inspection form provided in Attachment 2.
- II.D.2. Upon discovering any deterioration or malfunction of the RWMA that may result in a threat to human health or the environment, the Permittee shall remedy said threat as required by R315-8-2.6(c) within seventy-two (72) hours. If the remedy requires more time, the Permittee shall submit to the Executive Secretary, before the expiration of the seventy-two (72) hour period, a proposed time schedule for correcting the problem.
- II.D.3. Records of inspections shall be kept at the Facility as required by R315-8-2.6(d).
- II.D.4. The Permittee shall inspect the closed portions of the facility within twenty-four (24) hours after a major storm event, and document such in the inspection log as a storm event inspection. For the purposes of inspections, a storm event shall be defined as precipitation in excess of

0.75 inches per twenty-four (24) hours or wind speed in excess of eighty (80) miles per hour.

- II.D.5. The Permittee shall use the National Weather Service, located at the Salt Lake International Airport, as the weather station of record.
- II.D.6. During the annual groundwater sampling event, the Permittee shall inspect all permit-listed monitor wells identified in Chapter 4.2 of Attachment 1, that are part of the facility-wide groundwater monitor system as specified below:
  - II.D.6.a. Inspect for damage to the above ground casing,
  - II.D.6.b. Inspect for damage to concrete apron and assure that the annulus is properly sealed,
  - II.D.6.c. If permanent, dedicated pumps are used, verify proper operation,
  - II.D.6.d. Check for visible damage and tampering to locks and monitor well caps and;
  - II.D.6.e. Insure that the wells are labeled, accessible and visible to all appropriate personnel.
- II.D.7. Upon discovering any deterioration or malfunction of any permit-listed monitoring well, that may result in a threat to human health or the environment or jeopardize its integrity, the Permittee shall notify the Executive Secretary within seventy-two (72) hours. If the remedy requires more time, the Permittee shall submit to the Executive Secretary, before the expiration of the seventy-two (72) hour period, a proposed time schedule for correcting the problem.

## **II.E. CONTINGENCY AND SPILL MITIGATION PLAN**

- II.E.1. Content of Plan. The Permittee shall follow the Integrated Contingency Plan (ICP). The ICP is a comprehensive emergency procedures document that covers planning and response to any emergency that may occur at the Facility. Included in the ICP is the Spill Prevention Control and Countermeasures Plan and the Facility Response Plan required by 40 CFR 112 for the release of oil. Reference is made to the ICP for details on the

Facility contingency and spill mitigation plan.

II.E.2. Implementation of Plan. As specified in the ICP, the Permittee shall immediately carry out the provisions which follows the emergency procedures described by R315-8-4.7. The Permittee shall also comply with R315-9-4 in reporting releases to the Executive Secretary.

II.E.3. Copies of Plan. The Permittee shall comply with the requirements of R315-8-4.4. All necessary Federal, State and Local agencies have copies of the portions of the ICP relevant to their involvement during an incident.

II.E.4. Amendments to Plan. The Permittee shall review and immediately amend, if necessary, the ICP, as required by R315-8-4.5.

## **II.F. RECORD KEEPING AND REPORTING**

II.F.1. The Permittee shall submit reports as required to the Executive Secretary documenting annual post-closure groundwater monitoring activities and results from analyses of samples collected during such monitoring. Copies of all appropriate records will be maintained at the Facility.

## **II.G. FINANCIAL ASSURANCE FOR CLOSURE/POST-CLOSURE**

II.G.1. The Permittee shall maintain continuous compliance with R315-8-8.

## **II.H. LIABILITY REQUIREMENTS**

II.H.1. The Permittee shall demonstrate continuous compliance with the requirements of R315-8-8, including the requirements to have and maintain hazardous waste liability coverage for sudden accidental occurrences in the amount of at least \$1 million U.S. dollars per occurrence with an annual aggregate of at least \$2 million U.S. dollars, exclusive of legal defense costs. Changes in liability coverage mechanisms shall be approved by the Executive Secretary pursuant to R315-8-8, at least sixty (60) days prior to such a change.

II.H.2. The Permittee shall demonstrate continuous compliance with the requirements of 40 CFR 264.147(b) to have and maintain liability coverage for non-sudden accidental occurrences in the amount of at least

\$3 million per occurrence, with an annual aggregate of at least \$6 million, exclusive of legal defense costs.

**II.I. INCAPACITY OF PERMITTEE, GUARANTORS OF FINANCIAL INSTITUTIONS**

II.I.1. The Permittee shall comply with all the provisions of R315-8-8 (as incorporated in 40 CFR 264.148).